

**REMARKS**

Claims 1-35 and 43-51 remain pending. Applicants appreciate the indication that Claims 22-35 and 43-51 stand allowed.

Claims 1 and 8 have been amended. In particular, Claim 1 has been amended to remove formula (b) and (c) from the groups that represent  $X_1$  in Formula 1. In addition,  $X_a$  has been such that it represents a divalent 6- or 7-membered monocyclic heterocyclic ring which is alkyl substituted. The term “unsubstituted” has been removed. Claim 8 has been amended to remove formula (n) from the groups that represent  $X_2$  of Formula 3. No new matter has been entered by way of amendment.

Favorable reconsideration of the remaining pending claims is respectfully requested in view of the following remarks.

**Claim Rejection under 35 USC 102**

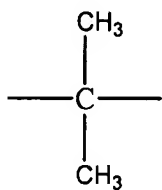
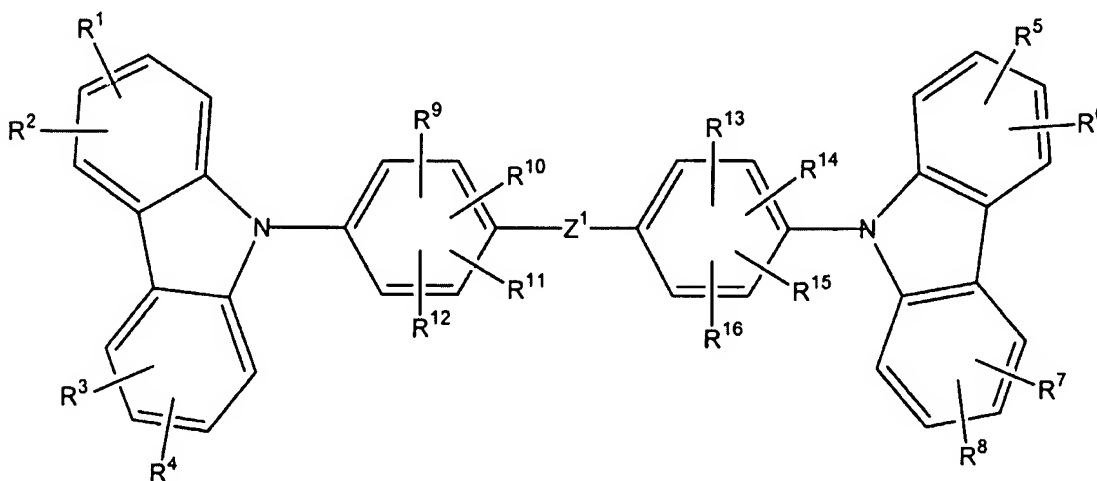
A. Claims 1 and 5-14 stand rejected as anticipated under 35 USC 102(e) by US Pre Grant Publication No. 2004/0086745 to Iwakuma et al. (“Iwakuma”). Applicants respectfully traverse.

Instant Claim 1 has been amended to remove formulae (b) and (c) from the groups that represent  $X_1$  in Formula 1. In addition,  $X_a$  has been such that it represents a divalent 6- or 7-membered monocyclic heterocyclic ring which is alkyl substituted. Because of this Iwakuma’s compound A48 on page 14 fails to anticipate amended Claim 1. Independent Claim 8 has been amended to remove formula (n) from the groups that represent  $X_2$  of Formula 3. As such, Claim 8 is not anticipated by Iwakuma’s compound A57 on page 16. In view of the foregoing, Iwakuma fails to disclose a component layer containing a compound as represented by now amended Formula 1 or amended Formula 3 and fails to anticipate Claims 1 and 8 and any claims dependent thereon.

In view of the foregoing, the rejection is requested to be withdrawn.

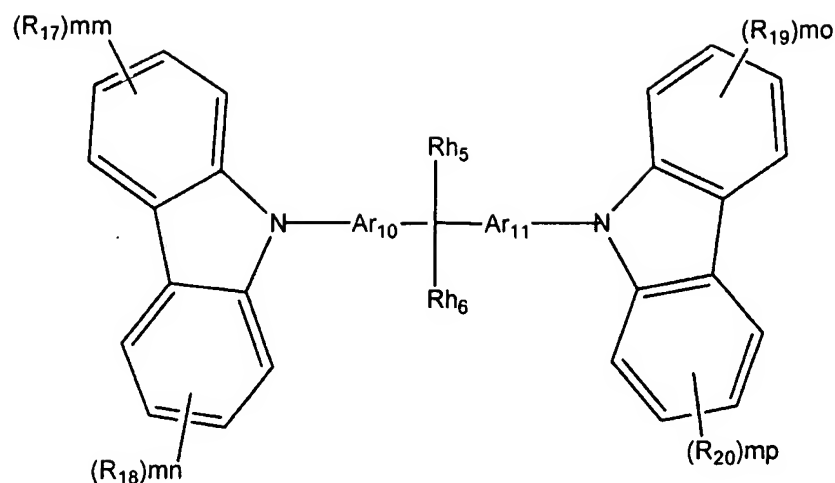
B. Claims 1-7 and 15-21 stand rejected as anticipated under 35 USC 102(e) by US Patent No. 6,893,743 to Sato et al. ("Sato "). Applicants respectfully traverse.

The Examiner comments in paragraph 3 of the outstanding Office Action that "the emitting layer comprises a host material



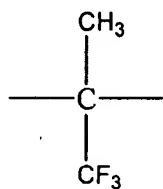
wherein  $Z^1$  can be  $\text{CH}_3$  and  $R^3$  to  $R^{16}$  can be hydrogens as per instant claim 15 with the compound H4 for the present claims (see column 7, line 1- column 9, line 20)."

However, instant formula H4 of Claim 15 is as follows.

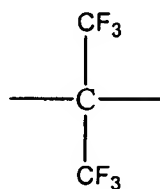


In formula H4.  $R_{h5}$  and  $R_{h6}$  independently represent a substituted or unsubstituted alkyl group, a substituted or unsubstituted cycloalkyl group, a substituted or unsubstituted aralkyl group, a substituted or unsubstituted aryl group, a substituted or unsubstituted alkoxy group, a substituted or unsubstituted aryloxy group, a cyano group, a hydroxyl group, a substituted or unsubstituted alkenyl group, a halogen atom, or  $-\{C(R_{01})(R_{02})\}_pCF_3$ , in which  $R_{01}$  and  $R_{02}$  independently represent a hydrogen atom or a fluorine atom, and  $p$  represents an integer of not less than 0, **provided that at least one of  $R_{h5}$  and  $R_{h6}$  is  $-\{C(R_{01})(R_{02})\}_pCF_3$ .**

In instant formula H4 above, at least one of  $R_{h5}$  and  $R_{h6}$  is  $-\{C(R_{01})(R_{02})\}_pCF_3$ , such as for example:

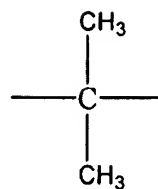


or



( $p=0$ ) and both  $R^{h5}$  and

$R^{h6}$  are not simultaneously  $-CH_3$ . That is, a compound represented by instant formula H4



does not include the host material as disclosed by Sato, wherein Z<sup>1</sup> is in formula (I-1) above.

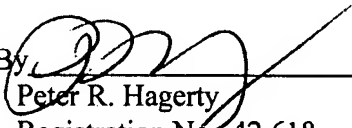
With regard to Claim 1, the Examiner states that "[I]t is disclosed in column 8, lines 2023 that Z1 can be a linking group which may have a substituent in present claim 1. ' Applicants' amendment has rendered this rejection moot since formulae (b) and (c) are exclude from X<sup>1</sup>.

Accordingly, Claims 1-7 and 15-21 are not anticipated by Sato and the rejection is respectfully requested to be withdrawn.

It is believed that the foregoing amendments and remarks fully comply with the Office Action and that the claims herein should now be allowable to Applicants. Accordingly, reconsideration and allowance are requested.

If there are any additional charges with respect to this Amendment or otherwise, please charge them to Deposit Account No. 06-1130.

Respectfully submitted,

By   
Peter R. Hagerty  
Registration No. 42,618

Date: April 4, 2008

CANTOR COLBURN LLP  
1180 Peachtree Street, Suite 2050  
Atlanta, GA 30309  
Telephone (404) 607-9991  
Facsimile (404) 607-9981  
Customer No.: 23413